THE NEXT GENERATION SCHOOL.
ACADEMIC YEAR 2025 - 2026
TERM I PLAN
(CURRICULUM MAP – ICT – YR9)

Week	Standards	Mode of Assessment Formal Formative	Activities	Skills	Useful links
Sep 2025					
Week 1 **31st Aug – 4thSept**	Assessing level of Prior understanding. Introduction to the syllabus **Theory** **Ch. 7 The system lifecycle** 7.1 – Analysis **Practical** **Ch 21 – Web site Authoring** 21.1 Web development layers	**VAK Questionnaire** (to assess the preferred learning methods of the students) **Practical - Quiz2(10 marks)** Worksheet on web development layers	Students facilitated with VAK Questionnaire to understand learning Preferences. **Activity – Theory Scenario-Based Task:** Provide students with a brief scenario of a small business (e.g. a library, a school canteen, or a doctor's clinic) using a manual system. Students will Identify flaws in a current system and suggest possible solutions.	**Cognitive skills** **Critical thinking** **Analytical thinking** By using all above skills students need to find out the correct AO for particular topic **Analytical and explaining skills.** Analyze and explain the methods of researching a system. **Analyzing skill ,Presentation skill** the three web development layers	**Syllabus:** https://www.cambridgeinternational.org/Images/595352-2023-2025-syllabus.pdf **Analysis:** https://www.ictlounge.com/html/analysis.htm https://www.youtube.com/watch?v=5umUZEVL2Hs **Topic:** Web Layers - IGCSE ICT 0417, OCR, GCSE **https://www.youtube.com/watch?v=iytPuI7FKhU** **Topic :** HTML Webpage Design Part 1: Getting Started **https://www.youtube.com/watch?v=oC9bhOqik-A** **Question for learners :** Why is it important to thoroughly analyse the current system before designing a new one, and what risks might arise if this stage is skipped or done poorly?

			Activity – Practical Presentation (3 slides) - Ask learners to analyze any 3 websites and categorize their features into 3 web layers.Ask learners to create a presentation on their findings.		
Week 2 Baseline test **7th – 11th Sept**	**Revision – Baseline Test** **Practical** **Ch 21 – Web site Authoring** 21.2 Create a web page (basic formatting tags, images)	Students facilitated with baseline test to ascertain their skills and understanding. **Baseline test** (to recognize the student level and their interests) Revision Stations	**Activity – Practical Research** Give learners a brief of a website to create e.g. a zoo needs a website to tell people about the kind of animals that can be seen at the zoo, daily activities at the zoo and what facilities are available. Ask learners to use the internet to research some	**Critical thinking skill, analyzing skill, Presentation skill** To recollect, describe and write answers to past paper questions **Design skill, Presentation skill, Research skill** Creating web page using basic tags	**Topic:** HTML Webpage Design Part 2: Basic structure of a webpage https://www.youtube.com/watch?v=36uFVCXJ8oo **Topic:** HTML Webpage Design Part 3: Adding content to a webpage https://www.youtube.com/watch?v=kU8EL-UGbNw Topic: HTML Webpage Design Part 4: Learn about attributes https://www.youtube.com/watch?v=fF3FB6IWvGc **Question for learners :**

			text content and images that they can use in their website and prepare a documentation using their search findings.		
Week 3 **14th – 18th Sept**	**Theory** **Ch. 7 The system lifecycle** 7.2 – Design **Practical** **Ch 21 – Web site Authoring** 21.2 Create a web page(video tag)	**Theory - Quiz1 (10 marks) -** Quiz on Analysis. **Theory – Quiz3 (10 marks) -** Quiz on Design methods of system lifecycle **Practical** Worksheet on video tags	**Activity Explain a term** – learners have to explain a specific term without using the word of the term. Their partner has to guess the term.	**Design skill, identifying skill** Identify design requirements of a system, and design data entry form for an online booking system. **Design skill, Presentation skill** Use of video tags.	**Design:** https://www.ictlounge.com/html/design_new.htm https://www.youtube.com/watch?v=j27tr2G_Ss0 **Topic**: Video tag https://www.w3schools.com/tags/tag_video.asp **Question for learners :** How can the choices made during the design stage affect how easy or difficult the system is to use and maintain in the future?
Week 4 **21nd – 25th Sept**	**Theory** **Ch. 7 The system lifecycle** 7.2 – Design **Practical** **Ch 21 – Web site Authoring**	**Theory – Quiz4 (10 marks) -** Quiz on Design **Theory - Assignment 1 (10 marks)** Worksheet on Analysis and Design	**Carousels** Put learners in groups and ask a question. They record their ideas on a large piece of paper. After a short time, the groups move	**Identifying** Identifying the various validation checks in the design phase **Design skill, Presentation skill** Hyperlink	**Design** https://www.ictlounge.com/html/design_new.htm https://www.youtube.com/watch?v=NmwtF0fAUfI **Topic : Hyperlink** https://www.w3schools.com/html/html_links.asp

	21.2 Create a web page(hyperlink)	**Practical** Worksheet on hyperlink	around and add information to the work of the previous group in a different color.		**Question for learners :** Why is it important to involve users when designing forms and reports, and how can their feedback lead to a more effective system?
Week 5 **28th Sept – 2nd Oct** Cybersecurity Week	**Theory** **Ch. 7 The system lifecycle** 7.3 – Development and Testing **Practical** **Ch 21 – Web site Authoring** 21.2 Create a web page (filepath)	**Theory – Quiz5 (10 marks) -** Quiz on Development and testing **Theory - Assignment 2 (10 marks)** Development and testing **Practical - Assignment 1(15 marks)** Worksheet on absolute and relative filepaths Cybersecurity Activity	**Dash and discover –** Place a set of questions on a table in the middle of the room. Learners work in groups. A member of each group comes up to the table to collect a question and then has to "dash" back to their group to discuss/find the right answer. When they return to the table with the correct answer, the point is recorded and the learner takes another question to find the answer to from their group. They then return to the table again to get another question	**Critical thinking, and analytical skills** Analyze the type of data that could be used for testing a system. **Design skill, Presentation skill** Absolute and relative file paths	**Development and testing** https://www.icteducatoronline.com/index.php/igcse-ict/system-life-cycle https://www.youtube.com/watch?v=jrmY4rlU2TY **Topic : File paths** https://www.w3schools.com/tags/att_link_href.asp#:~:text=An%20absolute%20URL%20%2D%20points%20to,css%22) **Question for learners:** What could be the consequences for an organization if a system is launched without proper testing, and how could the lack of testing affect users and business operations?

			and so on. The group with the most correct answers within the time wins		
Week 6 **5th – 9th Oct** **Revision & ICT Practical**	**Theory** 7.3 – Analysis 7.3 – Design 7.3 – Development and Testing	**Theory and Practical** Worksheets with topic wise past paper questions	**Activity Theory- Dash and discover:** Place a set of questions on a table in the middle of the room. Learners work in groups. A member of each group comes up to the table to collect a question and then has to "dash" back to their group to discuss/find the right answer. When they return to the table with the correct answer, the point is recorded and the learner takes another question to find the answer to from their group. They then	**Critical thinking skill, analyzing skill, Presentation skill** To recollect, describe and write answers to past paper questions **Design skill, Presentation skill** Practice the past papers	**Topic: Practical Revision** https://www.yahmad.co.uk/Pages/Chapter21.html **https://www.w3schools.com/html/default.asp**

			return to the table again to get another question and so on. The group with the most correct answers within the time wins.		
Week 7 **12th – 16th Oct** **Mid Term Tests Starts**	**Theory** **Ch. 7 The system lifecycle** 7.4 – Implementation **Practical** **Ch 21 – Web site Authoring** 21.3 Use stylesheets	**Theory - Quiz 6(10 marks)** Quiz on Implementation stage in system lifecycle **Practical** Worksheet on stylesheets	**Explain a term** – learners have to explain a specific term without using the word of the term. Their partner has to guess the term.	**Critical thinking, describing skill, identifying skill** Identify and justify the suitable method of implementing a system. **Design skill, Presentation skill** Use stylesheets	**Implementation** https://www.teach-ict.com/as_a2_ict_new/ocr/A2_G063/331_systems_cycle/slc_stages/miniweb/pg4.htm https://www.youtube.com/watch?v=tJ9foO55abA **Topic: stylesheets** https://www.w3schools.com/html/html_css.asp **Question for learners:** How can choosing the wrong method of implementation affect the success of the new system, and what factors should be considered before making this decision?
Week 8 **19th – 23rd Oct** **Mid Term continues**	**Theory** **Ch. 7 The system lifecycle** 7.5- Documentation **Practical**	**Theory - Quiz 7 (10 marks)** Quiz on Documentation stage in System lifecycle	**Choice board** – Students can choose from two variants and sessions of paper.	**Identifying skill, describing skills** Identify and describe the items included in user/technical documentations	**Documentation** https://www.icteducatoronline.com/index.php/igcse-ict/system-life-cycle https://www.youtube.com/watch?v=vSzPeSCf90w

	Ch 21 – Web site Authoring 21.3 Use stylesheets (styles)	**Theory - Assignment 3(10 marks)** Documentation **Practical** Worksheet styles		**Design skill, Presentation skill** Stylesheets	**Topic: stylesheets** https://www.w3schools.com/html/html_css.asp **Question for learners:** Why is clear and well-structured documentation essential for the success of a system, and what problems could users or support teams face if documentation is poorly written or missing?
Week 9 **26th – 30th Oct**					
Week 10 **2nd – 6th Nov ICT/CS Project Week**	**Theory** **Ch. 7 The system lifecycle** 7.6 Evaluation **Practical** **Ch 21 – Web site Authoring** 21.3 Use stylesheets (class)	**Project – 20 marks** **Topic :** Create a video on "Smart School Attendance System" - Design a digital attendance system to replace manual registers in schools—supporting Qatar's goals for a knowledge-based, technologically advanced society.	**Give me five** – learners say or write five keywords/terms they learned/used the previous or that less	**Evaluation skill, critical thinking, analytical skill** Analyse and evaluate various methods to apply while evaluating a system **Design skill, Presentation skill** Stylesheets (class)	**Evaluation** https://www.icteducatoronline.com/index.php/igcse-ict/system-life-cycle https://www.youtube.com/watch?v=-Oy5bqcVcwo **Topic: Class attribute** https://www.w3schools.com/html/html_classes.asp **Question for learners:** How can comparing the final system to the original requirements help determine whether the system is truly successful, and why is it important to base this evaluation on evidence rather than opinions?

		Theory - Quiz 8 (10 marks) Quiz on Evaluation stage in System lifecycle **Theory - Assignment 4 (10 marks)** Evaluation **Practical - Quiz 9 (10 marks)** Web site Authoring **Practical Assignment 2 (15 marks)** Worksheet on use of stylesheets			
Week 11 **9th – 13th Nov** **Mid Term Report card**	**Practical** **Ch 21 – Web site Authoring** **Ch 20 - Spreadsheets**	**Practical** Worksheets with topic wise past paper questions	**Dash and discover –** Place a set of questions on a table in the middle of the room. Learners work in groups.	Analytical skill, explanation skill, critical thinking skill	https://www.w3schools.com/ **Topic : Practical Revision** IGCSE ICT Data Analysis (ictlounge.com) ICT IGCSE Chapter20 (yahmad.co.uk)

Week 12 Nov **16th – 20th**	**Theory** **Chapter 5 – The effects of using IT** **Chapter 4 - Networks and effects of using them** **Practical** **Ch 20 – Spreadsheets**	**Theory and Practical** Worksheets with topic wise past paper questions	**Activity Practical - Data Analysis and Charts**: Teach students how to perform simple data analysis tasks using spreadsheets. Provide them with a dataset (e.g., student grades, sports scores, or survey responses) and guide them through tasks such as sorting, filtering, and summarizing data using functions like SUM, AVERAGE, and COUNT. Students can also create charts (e.g., bar graphs, pie charts) to visualize the data and draw	**Critical thinking skill, analyzing skill, Presentation skill** To recollect, describe and write answers to past paper questions	**Topic**: **Theory Revision** https://www.ictlounge.com **Topic: Theory Revision** IGCSE ICT - Networks - New Syllabus (ictlounge.com) ICT IGCSE Theory Revision Presentation 4 1 Networks (slidetodoc.com) https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-information-and-communication-technology-0417/past-papers/ **Question for learners:** While networks offer many benefits like resource sharing and communication, what are the possible negative effects of relying too heavily on networks in schools, businesses, or daily life?

			conclusions from their analysis		
Week 13 **23rd – 27th Nov Revision & ICT Practical**	**Revision** **Theory** **Chapter 7 - Systems life cycle** **Chapter 6 – ICT Applications**	**Theory** Worksheets with topic wise past paper questions	**Activity Theory- Revision Stations:** Divide the classroom into various stations with different tasks. Students should rotate after spending some time on each station. These stations could consist of various revision strategies, exam questions or topics	Analytical Skills Problem Solving Skills Critical Thinking Skills Time Management Skills	https://www.icteducatoronline.com/index.php/igcse-ict/system-life-cycle
Dec-2025					
Week 14 **30th Nov – 4th Dec Revision & Term Exam begins**	**Practical Exams begins**				
Week 15 **7th – 11th DEc**	**Term I Examination**				
Week 16 **14th – 17th**	**Term I Examination**				

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